



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

Agency: **LBWD**  
Retail

District Name: **LBWD**

CUWCC Unit #: **66**

Primary Contact **Matthew Lyons**

Telephone **562-570.2315**

Email: **matthew.lyons@lbwater.org**

Compliance Option Chosen By Reporting Agency:  
(Traditional, Flex Track or GPCD)

GPCD if used:

GPCD in 2010	<b>110</b>
GPCD Target for 2018	<b>109</b>

Year	Report	Target	Highest Acceptable Bound		
			% Base	GPCD	
2010	1	96.4%	128	100%	133
2012	2	92.8%	123	96%	128
2014	3	89.2%	119	93%	123
2016	4	85.6%	114	89%	119
2018	5	82.0%	109	82%	109

Not on Track if 2010 GPCD is  $\geq$  than target

GPCD in 2010 **110**  
Highest  
Acceptable GPCD **133**  
for 2010

**On Track**

Reporting Period: **Fiscal**

Agency: **LBWD**  
RetailDistrict Name: **LBWD**CUWCC Unit #: **66****CUWCC BMP RETAIL COVERAGE REPORT 2009-2010****Foundation Best Management Practices for Urban Water Efficiency****BMP 1.1 Operational Practices****2009****2010**

1.Conservation Coordinator

Name  
Title  
EmailMatthew Lyons  
Dir. of Planning and ConservationMatthew Lyons  
Dir. of Planning and Conservation  
matthew.lyons@lbv**On Track****On Track**

2. Water waste prevention documentation

Descriptive File

0

0

URL

The "Web address" limits the amount of text that can be entered; so here's the other URL:  
[http://www.lbwater.org/pdf/conservation/puow\\_charge.pdf](http://www.lbwater.org/pdf/conservation/puow_charge.pdf)

[http://www.lbwater.org/pdf/conservation/wtr\\_consrv\\_shortage\\_plan.pdf](http://www.lbwater.org/pdf/conservation/wtr_consrv_shortage_plan.pdf)

Description

The "Web address" limits the amount of text that can be entered; so here's the other URL:  
[http://www.lbwater.org/pdf/conservation/puow\\_charge.pdf](http://www.lbwater.org/pdf/conservation/puow_charge.pdf)

The "Web address" limits the amount of text that can be entered; so here's the other URL:  
[http://www.lbwater.org/pdf/conservation/puow\\_charge.pdf](http://www.lbwater.org/pdf/conservation/puow_charge.pdf)

**On Track****On Track**

Agency: **LBWD**  
RetailDistrict Name: **LBWD**CUWCC Unit #: **66****CUWCC BMP RETAIL COVERAGE REPORT 2009-2010****Foundation Best Management Practices for Urban Water Efficiency****BMP 1.2 Water Loss Control**

<b>2009</b>		
Complete a prescreening Audit	<b>yes</b>	<b>On Track</b>
Metered Sales	<b>54,220</b>	
Verifiable Other Uses	<b>247</b>	
Total Supply	<b>57,005</b>	
(Metered Sales + System uses)/ Total Supply >0.89	<b>0.96</b>	<b>On Track</b>
If ratio is less than 0.9, complete a full scale Audit in 2009?	<b>Yes</b>	<b>On Track</b>
Verify Data with Records on File?	<b>Yes</b>	<b>On Track</b>
Operate a system Leak Detection Program?	<b>Yes</b>	<b>On Track</b>

On Track if Yes

On Track if  $\geq 0.89$ , Not on Track if No

On Track if Yes

On Track if Yes

On Track if Yes

<b>2010</b>		
Compile Standard Water Audit using AWWA Software?	<b>Yes</b>	<b>On Track</b>
AWWA file provided to CUWCC?	<b>WaterAudit - LBWD -</b>	<b>On Track</b>
AWWA Water Audit Validity Score?	<b>69</b>	
Completed Training in AWWA Audit Method?	<b>yes</b>	
Completed Training in Component Analysis Process?	<b>No</b>	
Complete Component Analysis?	<b>No</b>	
Repaired all leaks and breaks to the extent cost effective?	<b>Yes</b>	<b>On Track</b>
Locate and repair unreported leaks to the extent cost effective.	<b>Yes</b>	<b>On Track</b>
Maintain a record-keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair.		
<b>Provided 7 types of Water Loss Control Info</b>		
Leaks Repaired	Value Real Losses	Value Apparent Losses
0	\$ -	\$ -
Miles Surveyed	Press Reduction	Cost of Interventions
0	Off	\$ -
Water Saved		0

On Track if Yes, Not on Track if No

On Track if Yes, Not on Track if No

Info only until 2012

Info only until 2012

Info only until 2012

On Track if Yes, Not on Track if No

On Track if Yes, Not on Track if No

Info only until 2012

Info only until 2012

Agency: **LBWD**  
RetailDistrict Name: **LBWD**CUWCC Unit #: **66**

## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### 1.3 METERING WITH COMMODITY RATES FOR ALL NEW CONNECTIONS AND RETROFIT OF EXISTING CONNECTIONS

If signed MOU prior to 31 Dec 1997, On Track if all connections metered; If signed after 31 Dec 1997, complete meter installations by 1 July 2012 or within 6 yrs of signing and 20% biannual reduction of unmetered connections.

	2009		2010	
Exemption or 'At least as Effective As' accepted by CUWCC				
Numbered Unmetered Accounts <b>2008</b>	0	On Track	0	On Track On Track if no unmetered accounts
Metered Accounts billed by volume of use	Yes	On Track	Yes	On Track Volumetric billing required for all connections on same schedule as metering
Number of CII accounts with Mixed Use meters	7,152		6,559	Info only
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	Yes	On Track	Yes	On Track On Track if Yes, Not on Track if No
Feasibility Study provided to CUWCC?	Yes	On Track	Yes	On Track On Track if Yes, Not on Track if No
Completed a written plan, policy or program to test, repair and replace meters	Yes	On Track	Yes	On Track On Track if Yes, Not on Track if No



## TARGETS / COMPLIANCE (CUWCC MOU)

### Baseline / Initial GPCD (Use option buttons to select)

GPCD in 2006 ☐ 127.7  
 Baseline GPCD (1997 to 2006) ☒ 133.0

GPCD in 2010 109.9  
 GPCD Target for 2018 109.1

### Potable Water GPCD for each Year in the Baseline Period

Year	GPCD
2006	127.7
2005	129.7
2004	135.9
2003	130.6
2002	134.6
2001	133.9
2000	134.2
1999	131.9
1998	132.6
1997	138.8

### Biennial GPCD Compliance Table

Year	Report	Target		Highest Acceptable Bound	
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	128.2	100%	133.0
2012	2	92.8%	123.4	96.4%	128.2
2014	3	89.2%	118.6	92.8%	123.4
2016	4	85.6%	113.8	89.2%	118.6
2018	5	82.0%	109.1	82.0%	109.1

### Monthly GPCD Data for Weather Normalization

Fiscal Year Ending	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2010	131.4	128.0	122.2	115.2	106.1	95.1	93.8	82.1	101.8	100.6	120.1	122.2
Baseline avg*	159.5	161.3	150.1	139.4	121.6	116.8	114.3	103.9	119.0	123.4	139.2	147.3

\* The average for each month is based on the baseline period 1997 to 2006



# CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

## Foundation Best Management Practices for Urban Water Efficiency

Agency: **LBWD**

Retail

District Name: **LBWD**

CUWCC Unit #: **66**

Primary Contact: **Matthew Lyons**

Email: **matthew.lyons@lbwater.org**

### 1.4 Retail Conservation Pricing

#### Metered Water Rate Structure

On Track if: Increasing Block, Uniform, Allocation, Standby Service; Not on Track if otherwise

Customer Class	2009 Rate Type	Conserving Rate?	Customer Class	2010 Rate Type	Conserving Rate?
Commercial	Uniform	Yes	Commercial	Uniform	Yes
Industrial	Uniform	Yes	Industrial	Uniform	Yes
Dedicated Irrigation	Uniform	Yes	Dedicated Irrigation	Uniform	Yes
Fire Lines	Uniform	Yes	Fire Lines	Uniform	Yes
Multi-Family	Increasing Block	Yes	Multi-Family	Uniform	Yes
On Track			On Track		

Year Volumetric Rates began for Agencies with some Unmetered Accounts

Info only

Agencies with Partially Metered Service Areas: If signed MOU prior to 31 Dec. 1997, implementation starts no later than 1 July 2010. If signed MOU after 31 Dec. 1997, implementation starts no later than 1 July 2013, or within seven years of signing the MOU,

Agency:  
Retail

LBWD

District Name:

LBWD

CUWCC Unit #: 66



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### Adequacy of Volumetric Rates) for Agencies with No Unmetered Accounts

Customer Class	2009 Rate Type	2009 Volumetric Revenues \$1000s	2010 Rate Type	2010 Volumetric Revenues \$1000s
Commercial	Uniform	\$ 12,663	Commercial	\$ 13,838
Industrial		\$ 274		\$ 225
Dedicated Irrigation		\$ 2,081		\$ 1,965
Fire Lines		\$ 11		\$ 9
Multi-Family		\$ 19,021		\$ 20,868
Other		\$ 18,572		\$ 19,703
Other		\$ -		\$ -
Total Revenue Commodity Charges (V):		\$ 52,621	\$ 56,609	
Total Revenue Fixed Charges (M):		\$ 12,587	\$ 19,054	
Calculate: V / (V + M):		81%	75%	
		On Track	On Track	

Agency Choices for rates:

A) Agencies signing MOU prior to 13 June2007, implementation starts 1 July2007: On Track if  $(V / (V + M)) \geq 70\% \times .8 = 56\%$  for 2009 and  $70\% \times 0.90 = 63\%$  for 2010; Not on track if  $(V / (V + M)) < 70\%$ ;

B) Use Canadian model.

Canadian Water & Wastewater Rate Design Model  
Used and Provided to CUWCC  
If Canadian Model is used, was 1 year or 3 year  
period applied?

No

No

Agencies signing MOU  
after 13June2007,  
implementation starts  
July 1 of year following  
signing.

Agency: **LBWD**  
Retail

District Name: **LBWD**

CUWCC Unit #: **66**



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### Wastewater Rates

Does Agency Provide Sewer Service?

2009

**yes**

If 'No', then wastewater rate info not required.

2010

**Yes**

Customer Class	2009 Rate Type	Conserving Rate?	Customer Class	2010 Rate Type	Conserving Rate?
Single-Family	Uniform	Yes	Single-Family	Uniform	Yes
Multi-Family	Uniform	Yes			
Other	Uniform	Yes			
Other	Select a Rate Structure	Yes			
Other	Select a Rate Structure	yes			
On Track			On Track		

On Track if: 'Increasing Block', 'Uniform', 'based on long term marginal cost' or 'next unit of capacity'





## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

Agency: **LBWD** District Name: **LBWD** CUWCC Unit #: **66**  
 Coverage Report Date: **May 19, 2011**  
 Primary Contact: **Matthew Lyons** Telephone: **#N/A** Email: **matthew.lyons@lbwater.org**

#### BMP 2. EDUCATION PROGRAMS

##### BMP 2.1 Public Outreach Actions Implemented and Reported to CUWCC

1) Contacts with the public (minimum = 4 times per year)

2) Water supplier contacts with media (minimum = 4 times per year, i.e., at least quarterly).

3) An actively maintained website that is updated regularly (minimum = 4 times per year, i.e., at least quarterly).

4) Description of materials used to meet minimum requirement.

5) Annual budget for public outreach program.

6) Description of all other outreach programs

2009	2010
12	12
4	4
Yes	yes
Newsletter articles on conservation Website Email Messages Select a public contact News releases Articles or stories resulting from outreach Television contacts Select a type of media contact	Newsletter articles on conservation Newsletter articles on conservation Website Select a public contact Articles or stories resulting from outreach News releases Newspaper contacts Television contacts
\$ 293,917	\$ 371,917
0	0
<b>OnTrack for 5 Actions</b>	<b>OnTrack for 5 Actions</b>

All 6 action types implemented and reported to CUWCC to be 'On Track')

Agency: **LBWD**District Name: **LBWD**CUWCC Unit #: **66**Coverage Report Date: **May 19, 2011**

## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### 2.2 School Education Programs Implemented and Reported to CUWCC

	2009	2010	
Does a wholesale agency implement School Education Programs for this utility's benefit?	No	No	
Name of Wholesale Supplier?	0	0	
1) Curriculum materials developed and/or provided by agency	Worked with MWDSC to develop grade-appropriate materials.	Project WET	Yes/ No
2) Materials meet state education framework requirements and are grade-level appropriate?	Yes	Yes	All 5 actions types implemented and reported to CUWCC to be 'On Track'
3) Materials Distributed to K-6?	yes	Yes	
Describe K-6 Materials	"Salad Bowl": how much water does it take to grow inters to make a salad; standards: Grades 2, 3 & 4 science and math. "World of Water" activity, students create a "stress ball world" using balloons and rice: standards K-6 creative expression. Poster Contest: student art projects expressing water conservation ideas; K-6 standards in creative expression.	"Salad Bowl": how much water does it take to grow inters to make a salad; standards: Grades 2, 3 & 4 science and math. "World of Water" activity, students create a "stress ball world" using balloons and rice: standards K-6 creative expression. Poster Contest: student art projects expressing water conservation ideas; K-6 standards in creative expression.	Describe materials to meet minimum requirements
Materials distributed to 7-12 students?	No	No	Info Only
4) Annual budget for school education program.	\$ 4,300	\$ 25,000	
5) Description of all other water supplier education programs			0
	1 <b>On Track</b>	1 <b>On Track</b>	